

ABBREVIATIONS AND ACRONYMS

A			
ABL	atmosphere boundary layer	CCAFS	Cape Canaveral Air Force Station
ac	acre	CDS	Command Destruct System
ADS	Automatic Destruct System	CEQ	Council on Environmental Quality
AEC	Atomic Energy Commission	CFC	chlorofluorocarbon
AFI	Air Force Instruction	CFR	Code of Federal Regulations
AFPD	USAF Policy Directive	Ci	curie
AIAA	American Institute of Aeronautics and Astronautics	Cl ₂	chlorine
Al ₂ O ₃	aluminum oxide	Cm	curium
AO	Announcement of Opportunity	cm	centimeter
APXS	Alpha Particle X-Ray Spectrometer	CMS	Corrective Measures Study
ASRG	Advanced Stirling Radioisotope Generator	CNS	Canaveral National Seashore
B		CO	carbon monoxide
BEBR	Bureau of Economic and Business Research	CO ₂	carbon dioxide
BEIR	Biological Effects of Ionizing Radiation	COMPLEX	Committee on Planetary and Lunar Exploration
BLS	Bureau of Labor and Statistics	CWA	Clean Water Act
BMAP	Basic Management Action Plan	D	
Bq	Becquerel	DAN	Dynamic Albedo of Neutrons
BTU	British thermal unit	dB	decibel
C		dBA	decibels (A-weighted)
°C	degrees Celsius	DEIS	Draft Environmental Impact Statement
CADS	Centaur Automatic Destruct System	DHS	Department of Homeland Security
CBC	common booster core	DIL	derived intervention level
		DoD	Department of Defense
		DOE	Department of Energy
		DOI	Department of the Interior
		DOS	U.S. Department of State

E		G	
EDE	effective dose equivalent	g	gram
EDL	entry, descent, and landing	gal	gallon
EEZ	Exclusive Economic Zone	GCTL	ground water cleanup target level
EFH	essential fish habitat	GIS	Graphite Impact Shell
EIS	Environmental Impact Statement	GMD	ground-based midcourse defense
EO	Executive Order	GPHS	General Purpose Heat Source
EPA	Environmental Protection Agency		
ESA	Endangered Species Act		
ETR	extended test range		
EXM	ExoMars Lander Mission ExoMars Rover		
F		H	
°F	degrees Fahrenheit	H ₂	hydrogen
FAA	Federal Aviation Administration	H ₂ O	water
FDEP	Florida Department of Environmental Protection	ha	hectare
FEIS	Final Environmental Impact Statement	HAP	hazardous air pollutant
FEMA	Federal Emergency Management Agency	HAPC	Habitat Areas of Particular Concern
FFWCC	Florida Fish and Wildlife Conservation Commission	HCl	hydrogen chloride (hydrochloric acid)
FONSI	finding of no significant impact	HEAST	health effects assessment summary table
FMO	Fishery Management Officials	HM/HW	Hazardous Materials and Hazardous Waste
FR	Federal Register	HPS	Health Physics Society
FS	Florida Statute	hr	hour
FSAR	Final Safety Analysis Report	HTPB	hydroxyl-terminated polybutadiene
FSII	full-stack intact impact		
ft	foot		
FTS	Flight Termination System		
FWS	(U.S.) Fish and Wildlife Service		
		I	
		IAEA	International Atomic Energy Agency
		ICRP	International Commission on Radiological Protection
		in	inch
		INL	Idaho National Laboratory
		INSRP	Interagency Nuclear Safety Review Panel

ISCORS	Interagency Steering Committee on Radiation Standards	μm	micrometer
ISDS	Inadvertent Separation Destruct System	m	meter
ISRP	International Space Research Park	MAVEN	Mars Atmospheric and Volatile Evolution
ISRU	In Situ Resource Utilization	MBTA	Migratory Bird Treaty Act
J		MDRPRA	Marine Debris Research, Prevention, and Reduction Act
JPL	Jet Propulsion Laboratory	MEI	maximally exposed individual
K		MEP	Mars Exploration Program
K	degrees Kelvin	MEP EIS	<i>Mars Exploration Program Environmental Impact Statement</i>
kg	kilogram	MER	Mars Exploration Rover
km	kilometer	MEX	Mars Express
km ²	square kilometers	MFCO	Mission Flight Control Officer
KNPR	Kennedy NASA Procedural Requirement	MGS	Mars Global Surveyor
KSC	Kennedy Space Center	MHW	Multi-Hundred Watt
L		mi	mile
LANL	Lo Alamos National Laboratory	mi ²	square mile
lb	pound	MINWR	Merritt Island National Wildlife Refuge
lbf	pound-force	MMH	monomethyl hydrazine
LC	Launch Complex	MMPA	Marine Mammal Protection Act
LH ₂	liquid hydrogen	MMRTG	Multi-Mission Radioisotope Thermoelectric Generator
LOx	liquid oxygen	MPF	Mars Pathfinder
LSTO	Launch Service Task Order	mph	miles per hour
LV	launch vehicle	mrem	millirems
LWRHU	Light-Weight Radioisotope Heater Unit	MRO	Mars Reconnaissance Orbiter
M		MSL	Mars Science Laboratory
μCi/m ²	microcuries per square meter	MSL FEIS	<i>Mars Science Laboratory Mission Final Environmental Impact Statement</i>
μg/m ³	micrograms per cubic meter	MST	mobile service tower
		mt	metric ton

MVN	Maven (Mars Atmospheric and Volatile Evolution)		
	N		O
N ₂	nitrogen	ODS	ozone depleting substance
NAAQS	National Ambient Air Quality Standards	ODY	Mars Odyssey
NASA	National Aeronautics and Space Administration	OFW	Outstanding Florida Waters
NCRP	National Council on Radiation Protection and Measurements	OPlan	Operation Plan
NEPA	National Environmental Policy Act	OSHA	Occupational Safety & Health Administration
NHL	National Historic Landmark	oz	ounce
NLS	NASA Launch Service		P
NMFS	National Marine Fisheries Service	PAFB	Patrick Air Force Base
nmi	nautical mile	PAH	polychlorinated aromatic hydrocarbon
NOAA	National Oceanic and Atmospheric Administration	PCB	polychlorinated biphenol
NOI	Notice of Intent	PEIS	Programmatic Environmental Impact Statement
NOx	nitrogen oxides	PHSF	Payload Hazardous Servicing Facility
NPD	NASA Policy Directive	PHX	Phoenix
NPDES	National Pollutant Discharge Elimination System	PLF	payload fairing
NPR	NASA Procedural Requirement	PM _{2.5}	particulate matter less than 2.5 micrometers in diameter
NPS	National Park Service	PM ₁₀	particulate matter less than 10 micrometers in diameter
NRC	National Research Council	ppm	parts per million
NRC	Nuclear Regulatory Commission	PPPG	Pollution Prevention Program Guide
NRF	National Response Framework	psf	pound/square foot
NRHP	National Register of Historic Places	Pt-30Rh	platinum-30 rhodium
NSF	National Science Foundation	Pu	plutonium
NTO	nitrogen tetroxide	Pu-236	Plutonium-236
		Pu-238	Plutonium-238
		Pu-239	Plutonium-239
		Pu-240	Plutonium-240
		Pu-241	Plutonium-241
		Pu-242	Plutonium-242
		PuO ₂	plutonium dioxide

R		SWMU	solid waste management unit
rad	radiation absorbed dose	T	
RCC	Range Commanders Council	TEDE	total effective dose equivalent
RCRA	Resource Conservation and Recovery Act	TGO	Trace Gas Orbiter
rem	roentgen equivalent in man	THC	toxic hazard corridor
RFI	RCRA facility investigation	TMDL	total maximum daily load
RP-1	rocket propellant-1	TSDF	Transportation, Storage, and Disposal Facility
RPS	Radioisotope Power System	U	
RTG	radioisotope thermoelectric generator	UCMR	Unregulated Contaminant Monitoring Rule
S		UNSCEAR	United Nations Scientific Committee on the Effects of Atomic Radiation
s	second	USAF	U.S. Air Force
S/A	similarity of appearance	USBC	U.S. Bureau of the Census
SAFMC	South Atlantic Fishery Management Council	USCG	United States Coast Guard
SAP	satellite accumulation point	USFWS	U.S. Fish and Wildlife Service
SC	spacecraft	UV-B	ultraviolet
SCTL	soil cleanup target level	V	
SDT	Science Definition Team	VIF	Vertical Integration Facility
SDWA	Safe Drinking Water Act	VOC	volatile organic compound
SLC	space launch complex	Y	
SNAP	Systems for Nuclear Auxiliary Power	yd	yard
SPCC	Spill Prevention, Control, and Countermeasures	yr	year
SRB	solid rocket booster		
SSB	Space Studies Board		
SSC	state species of special concern		
SV	space vehicle		
SVII	Space Vehicle Intact Impact		
SWCTL	surface water cleanup target level		

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